



## MAIN FEATURES

- Configurable hardware
- Up to 500 simultaneous connected users in normal configuration
- Expandable in cluster with Load Balancing, Fault Tolerance or High Availability configuration
- VPN to Guglielmo Cloud
- Full Support of Layer 2 (switched) or Layer 3 (routed) connectivity to users devices
- Radius Client
- Complete management AAA (Authorization, Authentication and Accounting)
- DHCP Server, DHCP Client, DHCP relay
- NAT (PAT)
- Static routes support
- Support of VLAN and IEEE 802.1q trunk
- Redirection to customized login portal
- Management and Authentication traffic on https with valid SSL certificate (not self-generated)
- White list: list of URLs, IP addresses or subnets reachable before the authentication, dynamically updated
- Black list: list of unreachable URLs or IP addresses, dynamically updated
- Internal list of banned devices, not authorized to browse
- Redirection after authentication to the requested web site or to other web site with configurable URL
- Bandwidth limiting for user
- Configurable integrated firewall
- Content filtering applicable
- Configurable traffic shaping
- Centralized platform for Firmware Upgrade
- Optional VMware ESX 5.5

## TECHNICAL SPECIFICATIONS

CPU	Intel Core i3 4170 (2x3.70 GHz)
RAM	8 GB or 16 GB
Network Interfaces	2 Gbit ethernet
Hard Disk	SSD 60GB SATA3
Power adapter	Output 90W, Input: 100~240VAC
Temperature	0°C ÷ +50°C
Certification	CE, EN300328, EN301893, EN301489-1, EN301489-17, ROHS
Weight	2.2 kg
Size	24 x 20 x 7.2 cm

## SERVICES

**LUMEN™ module** provides extremely flexible services for the hotspot management, such as users authentication and policy enforcement.

**Caligoo™ module** provides services for Business Intelligence and Network Control, implementing a deep interaction with mobile App or external applications, for advanced services such as automated login procedures, notifications and QoS policy enforcement.

**IoT hub module** provides connectivity for sensors and actuators and local IoT resources discovery and service consumption.

**Fog Computing module** The GL250 can also locally provide and control resources such as memory, computing and networking, implementing also a virtualization infrastructure for Virtual Machines or Linux Containers, in order to host other machines or applications, such as Proxy, VPN terminators, Wireless Lan Controllers, etc..., with a local access to resources.

**VMware® Module:** The GL250 can also provide a virtualization infrastructure, based on VMware ESX 5.5, in order to host other machines such as Proxy, VPN terminators, Wireless Lan Controllers, etc...

